

# South Carolina

# FY '06

## COASTAL ZONE MANAGEMENT FUNDING

### Mission

The mission of the South Carolina Coastal Zone Management Program (SCCZMP) is to protect and enhance the State's coastal resources by preserving sensitive and fragile areas while promoting responsible development in the eight coastal counties of the State.

### Program Goals and Objectives

To accomplish its mission, the SCCZMP focuses on four primary goals:

- Implement the SCCZMP to manage wetland alterations, stormwater and land disturbance activities, review all federal and state permits and direct federal actions, and protect tidally influenced critical area lands, waters and beaches.
- Preserve sensitive natural, historic and cultural resources through regulatory oversight and guidance
- Provide technical expertise and financial assistance to local governments to resolve complex natural resource management issues.
- Encourage low impact and alternative development to preserve water quality and environmental integrity.

### Key Accomplishments

- Established a Science and Policy Division to provide guidance for regulatory decisions, environmental monitoring and coastal planning.
- Completed a pilot research project through the Murrells Inlet SAMP to test the use of ultraviolet light treatment in reducing fecal coliform bacteria levels in stormwater ponds.
- Developed and distributed the Onsite Septic System Management Tool Kit CD for Local Governments to assist municipalities with comprehensive management strategies for onsite systems.
- Awarded 39 grants under the Clean Vessel Act for marine pumpout facilities and operations for coastal and inland marinas and creeks.
- Partnered with the Town of Hilton Head through a matching grant program to remove 12 abandoned vessels.
- Initiated coast-wide outreach and education grant program to reduce marine debris.
- Completed the first phase of the Visitor Needs Assessment and Economic Analysis of SC Beaches to determine demand for beach access and facilities, and options for potential financing.
- Developed an inventory of coastal impoundments and former rice fields that provides information on associated river systems, plant community coverage areas, and water control status.
- Processed over 1,400 critical area and joint federal permit applications.

### Key Priorities

The program's key priorities and needs for the next year, if provided more funding and support.

- Develop capacity and an outreach strategy to become hub of technical expertise for local governments and planning boards
- Obtain comprehensive coastal data to improve analysis of coastal hazards, including long-term shoreline change, sea level rise and hurricane impacts
- Assess the potential causes and possible future occurrences of coastal hypoxia in Long Bay along Myrtle Beach, SC.
- Build stronger relationships with the scientific and academic communities through joint ventures and research opportunities
- Provide assistance to local governments in updating Beachfront Management Plans and addressing natural resource chapters of local Comprehensive Plans.
- Develop a strategy to improve water quality by implementing watershed/water body management at the local level.
- Develop a "State of the Knowledge" report on shoreline change issues, research, information needs and policy alternatives.
- Establish a Shoreline Change Steering Committee comprised of researchers, managers and other stakeholders to improve information sharing and address priority management issues.

A program of the South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management

Coastal Population  
in 2006:  
1,653,346

Miles of Coastline:  
2,876

Coastal and Ocean  
Economy in 2000:  
\$1,442,939,938

CZMA Funds:  
\$2,398,000

State and Other  
Matching Funds:  
\$2,046,000

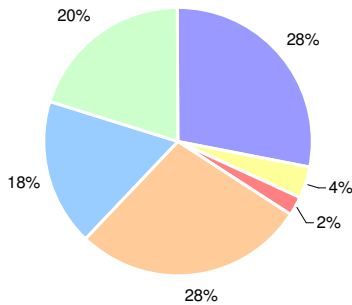
Total:  
\$4,444,000



\* Based on available data provided by  
The National Ocean Economic  
Program  
[www.oceaneconomics.org](http://www.oceaneconomics.org)



## How was the money spent?



Total Funds  
**\$4,444,000**

### Coordination and Public Involvement - \$1,229,061 (28%)

- Provided public hearings, public notices and website services, media and news releases and special stakeholder processes
- Provided workshops for local governments, planning and development professionals
- Developed partnerships with scientific institutions to collaborate in mission-oriented research
- Partnered with regional and state government agencies to coordinate training and outreach efforts

### Public Access - \$100,000 (2%)

- Provided coastal access through regulatory and planning actions
- Awarded 4 grants to local governments for community public access improvement projects
- Completed the first phase of the *Visitor Needs Assessment and Economic Analysis of SC Beaches* to determine demand for beach access and facilities, and options for potential financing.

### Community Planning and Development - \$894,895 (20%)

- Provided assistance and technical support to local and regional governments
- Completed a pilot research project through the Murrells Inlet SAMP to test the use of ultraviolet light treatment in reducing fecal coliform bacteria levels in stormwater ponds.
- Completed design work for the Filbin Creek restoration project
- Developed and distributed the *Onsite Septic System Management Tool Kit CD for Local Governments* to assist communities with comprehensive management strategies for onsite systems.

### Coastal Hazards - \$169,847 (4%)

- Removed 12 abandoned vessels and debris items in Hilton Head area waters
- Monitored and protected state beaches
- Administered Adopt-A-Beach program to encourage community stewardship of public beaches

### Coastal Water Quality Protection - \$1,277,434 (28%)

- Implemented Coastal Nonpoint Program
- Enforced the State Erosion and Sediment Control Act
- Awarded 39 Clean Vessel Act grants for marine pumpout facilities and operations
- Initiated 5 outreach and education grant projects to reduce marine debris

### Coastal Habitat Protection and Restoration - \$772,762 (18%)

- Required conservation and restoration of fresh and saltwater wetland habitat through regulatory actions
- Awarded 2 community assistance grants for local municipality wetland restoration projects

## Partners

### Federal Partners

- NOAA Hollings Marine Laboratory & Coastal Services Center
- U.S. Geological Survey
- U.S. Environmental Protection Agency
- ACE Basin National Estuarine Research Reserve
- North Inlet Winyah Bay National Estuarine Research Reserve
- U.S. Army Corps of Engineers

### State Partners

- SC Department of Natural Resources
- SC DHEC Bureau of Environmental Quality Control
- SC Department of Parks, Recreation and Tourism
- SC Department of Archives and History
- SC Sea Grant Consortium

### Local Partners

- Coastal cities and counties
- Beaufort County
- Berkeley County
- Charleston County
- Colleton County
- Dorchester County
- Georgetown County
- Horry County
- Jasper County
- City of Folly Beach
- City of Myrtle Beach
- City of North Myrtle Beach

### Other Partners

- University of South Carolina
- Clemson University
- Coastal Carolina University
- College of Charleston
- South Carolina Marine Association
- South Carolina Aquarium
- Coastal marinas, boatyards and yacht clubs

### FOR MORE INFORMATION

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